AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Complete Listing of Claims:

1.   (Currently Amended) A system for delivery of a drug to a patient comprising:

a drug delivery device arranged to deliver the drug to the patient over a plurality of breaths, the device including a breath analyser which analyses a patient's breathing and generates breath information on the patient's breathing during drug delivery;

a data carrier onto which the drug delivery device is arranged to place the breath information; ~~and~~

a data analyser arranged to analyse the breath information from the data carrier, and to derive characteristics of the patient's breathing ; and a trend generator of analyzing the breath information and the characteristics of the patient's breathing over a number of drug deliveries.

2.   (Withdrawn)   ~~A system according to claim 1, wherein the data analyser includes a trend generator for analysing breath information and characteristics of the patient's breathing over time~~.

3.   (Original)   A system according to claim 1, wherein the data analyser includes means for identifying non-compliant use of the drug delivery device.

4.   (Withdrawn)   ~~A system according to claim 3, wherein the data analyser includes a trend generator for analysing breath information and characteristics of the patient's breathing over time.~~

5.   (Currently Amended) A method of optimizing treatment from a drug delivery device which is arranged to deliver the drug to the patient over a plurality of breaths comprising:

analysing a patient's breathing during drug delivery and generating breath information from that breathing;

transferring the breath information to a data analyser;

deriving characteristics of the patient's breathing from the breath information; and

identifying non-complaint use of the drug delivery device; and analyzing the breath information and the characteristics of the patient's breathing over a number of drug deliveries.

6.   (Original)   A method of identifying changes in condition of a patient over time of treatments from a drug delivery device comprising:

analysing a patient's breathing during drug delivery and generating breath information from that breathing;

transferring the breath information to a data analyser;

deriving characteristics of the patient's breathing from the breath information; and

analysing the characteristics of the patient's treatments over time to identify trends in those characteristics.